

RAW SEQUENCE LISTING

DATE: 01/03/2002

PATENT APPLICATION: US/09/944,884

TIME: 11:21:13

Input Set : N:\Crf3\RULE60\09944884.raw

Output Set: N:\CRF3\01032002\I944884.raw

1 <110> APPLICANT: Baker, Kevin
 2 Botstein, David
 3 Eaton, Dan
 4 Ferrara, Napoleone
 5 Filvaroff, Ellen
 6 Gerritsen, Mary
 7 Goddard, Audrey
 8 Godowski, Paul
 9 Grimaldi, Christopher
 10 Gurney, Austin
 11 Hillan, Kenneth
 12 Kljavin, Ivar
 13 Napier, Mary
 14 Roy, Margaret
 15 Tumas, Daniel
 16 Wood, William

17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 18 ACIDS ENCODING THE SAME

19 <130> FILE REFERENCE: P2548P1C1

20 <140> CURRENT APPLICATION NUMBER: 09/944,884

21 <141> CURRENT FILING DATE: 2001-08-31

22 <150> PRIOR APPLICATION NUMBER: 09/866,028

23 <151> PRIOR FILING DATE: 2001-05-25

25 <160> NUMBER OF SEQ ID NOS: 120

27 <210> SEQ ID NO: 1

28 <211> LENGTH: 2454

29 <212> TYPE: DNA

30 <213> ORGANISM: Homo Sapien

31 <400> SEQUENCE: 1

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 33 caccaggact gtgttgaagg gtgtttttt tcttttaaat gtaatacctc 100
 34 ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
 35 gtagtacatg gtggataact tctactttta ggaggactac tctcttctga 200
 36 cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
 37 cctattattc ctggctttgt gctctgcaa acccttctt agcccttcac 300
 38 acatcgcaact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
 39 gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
 40 tccaacaaga gagccaagaa gccattttt tccatttgat ctgtttccaa 450
 41 tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
 42 ttaggtttga cctcagtcac aaccaacatt ccatttgata ctgcaatgct 550
 43 tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gatttttaaag 600
 44 gactcacttc actttatggt ctgatcctga acaacaaca gctaacgaag 650
 45 attcacccaa aagcctttct aaccacaaag aagttgcaa ggctgtatct 700
 46 gtcccaaat caactaagt aaataccact taatcttccc aaatcattag 750
 47 cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
 48 ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctct 850
 49 tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900

ENTERED

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50  atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
51  ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
52  acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
53  acaacaaaaat cacagatata gaaaatggga gtcttgctaa cataccacgt 1100
54  gtgagagaaa tacatttgga aaacaataaa ctaaaaaaa tcccttcagg 1150
55  attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
56  ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
57  aaatctttat acagtgcaat aagtttattc aacaacccgg tgaaatactg 1300
58  ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
59  agcttgggaa ctttgggaatg taataattag taattggtaa tgtccattta 1400
60  atataagatt caaaaatccc tacatttgga atacttgaac tctattaata 1450
61  atggtagtat tatatatata agcaaatac tattctcaag tggtaagtcc 1500
62  actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
63  gatacataag gggttgagag aaacaagcat ctattgcagt ttcctttttg 1600
64  cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
65  aacaaaaaag taagatatcc ggtatttaac actttgttat caagcacatt 1700
66  ttaaaaagaa ctgtactgta aatggaatgc ttgacttagc aaaatttggtg 1750
67  ctctttcatt tgctgttaga aaaacagaat taacaaagac agtaatgtga 1800
68  agagtgcatt acactattct tattctttag taacttgggt agtactgtaa 1850
69  tatttttaat catcttaaa tatgatttga tataatctta ttgaaattac 1900
70  cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
71  taaagccttc agtaaagtgt cattaccaac ttgataaatg ctactcataa 2000
72  gagctggttt ggggtatag catatgcttt ttttttttta attattacct 2050
73  gatttataaaa tctctgtaaa aacgtgtagt gtttcataaa atctgtaact 2100
74  cgcattttta tgatccgcta ttataagctt ttaatagcat gaaaattggt 2150
75  aggctatata acattgccac ttcaactcta aggaatattt ttgagatata 2200
76  cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
77  aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
78  tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
79  gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
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81  aaat 2454

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83 <210> SEQ ID NO: 2

84 <211> LENGTH: 379

85 <212> TYPE: PRT

86 <213> ORGANISM: Homo Sapien

87 <400> SEQUENCE: 2

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88  Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
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90  Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
91              20              25              30
92  Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
93              35              40              45
94  Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
95              50              55              60
96  Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
97              65              70              75
98  Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
99              80              85              90

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100      Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
101                      95                      100                      105
102      Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
103                      110                      115                      120
104      Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
105                      125                      130                      135
106      Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
107                      140                      145                      150
108      Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
109                      155                      160                      165
110      Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
111                      170                      175                      180
112      Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
113                      185                      190                      195
114      Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
115                      200                      205                      210
116      Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
117                      215                      220                      225
118      Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
119                      230                      235                      240
120      Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
121                      245                      250                      255
122      Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
123                      260                      265                      270
124      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
125                      275                      280                      285
126      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
127                      290                      295                      300
128      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
129                      305                      310                      315
130      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
131                      320                      325                      330
132      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
133                      335                      340                      345
134      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
135                      350                      355                      360
136      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
137                      365                      370                      375
138      Asn Phe Gly Met
140 <210> SEQ ID NO: 3
141 <211> LENGTH: 20
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
146 <400> SEQUENCE: 3
147      ggaaatgagt gcaaaccctc 20
149 <210> SEQ ID NO: 4
150 <211> LENGTH: 24

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151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
155 <400> SEQUENCE: 4
156      tcccaagctg aacactcatt ctgc 24
158 <210> SEQ ID NO: 5
159 <211> LENGTH: 50
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
164 <400> SEQUENCE: 5
165      gggtgacggt gttccatatc agaattgcag aagcaaaact gacctcagtt 50
167 <210> SEQ ID NO: 6
168 <211> LENGTH: 3441
169 <212> TYPE: DNA
170 <213> ORGANISM: Homo Sapien
171 <400> SEQUENCE: 6
172      cggacgcgtg ggcggacgcg tgggcccgcg gcaccgcccc cggcccggcc 50
173      ctccgcccctc cgcactcgcg cctccctccc tccgcccgtc cccgcgccct 100
174      cctccctccc tcctccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
175      ggccccgcgcg gccccgctgc tgcctctcgg gctgctgctg ctcggtctcc 200
176      ggccggccccg cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250
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179      tcgggggtgat gcgctgcgtg ctgtgcgcct gcgagggcgc tcagtggggg 400
180      cgccgtacca ggggcccctg cagggtcagc tgcaagaaca tcaaaccaga 450
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182      gccagacctg cccccaggag cgcagcagtt cggagcggca gccgagcggc 550
183      ctgtccttcg agtatccgcg ggacccggag catcgcagtt atagcgaccg 600
184      cggggagcca ggcgctgagg agcgggcccg tggtgacggc cacacggact 650
185      tcgtggcgct gctgacaggg ccgaggtcgc aggcggtggc acgagcccga 700
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187      ggaccgcccct accaggatcc gcttctcaga ctccaatggc agtgtcctgt 800
188      ttgagcaccc tgcagcccc acccaagatg gcctgggtctg tgggggtgtg 850
189      cgggcagtg ctcgggtgtc tctgcggctc cttagggcag aacagctgca 900
190      tgtggcactt gtgacactca ctaccccttc aggggagggtc tgggggcctc 950
191      tcatccggca ccgggcccctg gctgcagaga ccttcagtgc catcctgact 1000
192      ctagaaggcc cccacagca gggcgtaggg ggcatcacc tgcactct 1050
193      cagtgcaca gaggactcct tgcatttttt gctgctcttc cgagggtgc 1100
194      tggaaaccag gagtggggga ctaaccaggg ttcccttgag gctccagatt 1150
195      ctacaccagg ggcagctact gcgagaactt caggccaatg tctcagccca 1200
196      ggaaccaggc tttgctgagg tgctgcccac cctgacagtc caggagatgg 1250
197      actggctggt gctgggggag ctgcagatgg ccctggagtg ggcaggcagg 1300
198      ccagggtgct gcacagtggt acacattgct gccaggaaga gctgcgacgt 1350
199      cctgcaaagt gtcctttgtg gggctgatgc cctgatocca gtccagacgg 1400
200      gtgctgccgg ctcagccagc ctacgcgtgc taggaaatgg ctccctgatc 1450
201      tatcaggtgc aagtggtagg gacaagcagt gaggtggtgg ccatgacact 1500

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202      ggagaccaag cctcagcggg gggatcagcg cactgtcctg tgccacatgg 1550
203      ctggactcca gccagggagg cacacggccg tgggtatctg cctgggctg 1600
204      ggtgcccagag gggctcatat gctgtgcag aatgagctct tcctgaacgt 1650
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206      tgccctactg tgggcatagc gcccgccatg acacgctgcc cgtgccccta 1750
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211      agaggcccag ggtgtggtga aggacctgga gccggaactg ctgcggcacc 2000
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214      actgcgcctg gaggcggccg gggccgaggg ggtgcggggc ctgggggctc 2150
215      cggatacagc ctctgtgcg ccgcctgtgg tgcttggctt cccggcccta 2200
216      gcgcccgcga aacctgggtg tcctgggcgg ccccgagacc ccaacacatg 2250
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218      acgaccgct ctgtcactc tgcacctgcc agagacgaac ggtgatctgt 2350
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223      ctttgcttta attaatgtg ctgtctgcac ctgcaagggg ggcactggag 2600
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231      ccagagacca gaactgatcc agagctggag aaagaagccg aaggctctta 3000
232      gggagcagcc agagggccaa gtgaccaaga ggatggggcc tgagctgggg 3050
233      aaggggtggc atcgaggacc ttcttgcatc ctctgtggg aagcccagt 3100
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238      tcttcaactca gcaccaaggg cccccgacac tccactcctg ctgcccctga 3350
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242 <210> SEQ ID NO: 7

243 <211> LENGTH: 954

244 <212> TYPE: PRT

245 <213> ORGANISM: Homo Sapien

246 <400> SEQUENCE: 7

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248          1          5          10          15
249      Leu Leu Leu Leu Gly Ser Arg Pro Ala Arg Gly Ala Gly Pro Glu
250          20          25          30
251      Pro Pro Val Leu Pro Ile Arg Ser Glu Lys Glu Pro Leu Pro Val

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